

Product datasheet for **RC225746A1V**

Human alpha 2 Glycine Receptor (GLRA2) (NM_001118885) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human alpha 2 Glycine Receptor (GLRA2) (NM_001118885) AAV Particle
Tag:	Myc-DDK
Symbol:	alpha 2 Glycine Receptor
Synonyms:	GLR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC225746 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAACCGGCAGCTAGTGAACATTTTGACAGCCTTGTTCATTTTCTTAGAGACAAACCACTTCAGGA
 CGGCTTTCTGCAAAGACCATGACTCCAGGTCTGGAAAACAACCTTCACAGACCCTATCTCCTTCAGATTT
 CTTGGACAAGTTAATGGGAAGGACATCAGGATATGATGCAAGAATCAGGCCAAATTTAAAGGCTCTCCA
 GTAAACGTTACTTGCAATATTTTATCAACAGTTTGGATCAGTCACAGAAACGACCATGGACTACCGAG
 TGAATATTTTCTGAGACAACAGTGAATGATTCACGGCTGGCGTACAGTGAGTACCCAGATGACTCCCT
 GGACTTGGACCCATCCATGCTAGACTCCATTTGGAACAGATTTGTTCTTTGCCAATGAGAAGGGTGCC
 AACTTCCACGATGTCACCACTGACAACAAATTGCTACGGATTTGAAAAATGGCAAAGTCTCTACAGTA
 TCAGACTCACCTTGACCTTATCCTGTCCATGGACTTGAAGAACTTTCCGATGGATGTCCAGACCTGTAC
 AATGCAGCTGGAGAGTTTGGGTACACGATGAATGACCTGATATTTGAGTGGTTAAGTGATGGTCCAGTG
 CAAGTTGCTGAAGGATTGACCTGCCCAAGTTTATTTTGAAGAAGAGAAGGAACCTTGGCTACTGTACAA
 AGCACTACAACACTGGAAAGTTTACCTGCATTGAGGTCAAGTTTCATCTGGAACGCCAAATGGGATATTA
 TTTGATCCAGATGTACATCCCAAGCCTGCTTATAGTAATTTTGTCTGGGTTTCCTTTGGATAAATATG
 GATGCAGCCCCCTGCCAGGTCGCACTGGGCATCACCACAGTCTTAACGATGACCAACCCAGAGTTCAGGCT
 CCAGGGCATCTCTGCCAAAGGTCTCTATGTAAAGCGATTGACATCTGGATGGCGGTGTGCCTTCTGTT
 TGTGTTTGTGCTTACTGGAATACGCAGCGGTGAACCTTCGTCTCCAGGCAACACAAGGAGTTCCTGCGC
 CTCCGAAGAAGACAGAAGAGGCAGAATAAGGAAGAAGACGTTACTCGTGAAGTCGTTTTAATTTTAGCG
 GTTATGGGATGGGTCACTGCCTCCAAGTGAAAGATGGAACAGCTGTCAAGGCCACACCTGCCAACCCACT
 CCCACAACCGCCAAAAGATGGAGATGCTATCAAGAAGAAGTTTGTGGACCGGGCAAAAAGGATTGACACG
 ATATCTCGAGCTGCCTTCCCATTTGCCTTCTCATTTTCAACATCTTTTACTGGATCACATACAAGATCA
 TTCGGCATGAAGATGTCCACAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225746 protein sequence
 Red=Cloning site Green=Tags(s)

MNRQLVNILTALFAFFLETNHFRTAFCKDHDSRSGKQPSQTLSPSDFLDKLMGRITSGYDARIRPNFKGPP
 VNVTCNIFINSFGSVTETMDYRVNIFLRQQWNSRLAYSEYPDDSLDLPMSLDIWKPDFFANEKGA
 NFHDVTTDNKLLRISKNGKVLYSIRLTLTLSCPMDLKNFPMQVCTMQLSFQYTMNDLIFEWLSDGPV
 QVAEGLTLPQFILKEEKELGYCTKHNTGKFTCIEVKFHLERQMGYYLIQMYIPSLILVILSWVSWINM
 DAAPARVALGITTVLTMTTQSSGSRASLPKVSYYKAIDIWMAVCLLFVFAALLEYAAVNFVSRQHKFLR
 LRRRQKRQNKEDVTRESRFNFSGYGMGHCLQVKDGTAVKATPANPLPQPPKDGDAIKKKFVDRAKRIDT
 ISRAAFPLAFLIFNIFYWITYKIIRHEDVHKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001118885

ORF Size:

1356 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001118885.1</u> , <u>NP_001112357.1</u>
RefSeq Size:	3030 bp
RefSeq ORF:	1359 bp
Locus ID:	2742
UniProt ID:	<u>P23416</u>
Cytogenetics:	Xp22.2
MW:	52 kDa